

Masaaki TSUJI, S.N. 09/394,661  
Page 2

**RECEIVED**  
**CENTRAL FAX CENTER**

Dkt. No. 2271/60220

Listing of Claims

**FEB 20 2006**

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

Claims 1-2 (canceled).

3. (previously presented) A subcode-data generating circuit, which generates subcode data including subcode component data which indicates time information and additional subcode component data which indicates information other than the time information, said circuit comprising:

a first generating portion for automatically generating the subcode component data which indicates the time information;

a second generating portion for automatically generating the additional subcode component data which indicates the information other than the time information;

a selecting portion which selects an output of at least one of said first and second generating portions; and

a memory,

wherein said first generating portion operates according to a first command for automatic generation of a plurality of time information subcode component data,

wherein said second generating portion operates according to a second command for automatic generation of a plurality of additional subcode component data, and

whercin the first commands are written collectively in a first area of said memory.

Masaaki TSUJI, S.N. 09/394,661  
Page 3

Dkt. No. 2271/60220

and the second commands are written collectively in a second area of said memory.

4. (previously presented) The subcode-data generating circuit, as claimed in claim 3,  
wherein:

said second generating portion comprises a plurality of generating portions provided  
separately;

said second area of said memory comprises a plurality of areas corresponding to said  
plurality of generating portions; and

commands of the second commands are written collectively in each area of said  
plurality of areas, which commands correspond to a respective one of said plurality of  
generating portions.

5. (previously presented) A subcode-data generating circuit, which generates  
subcode data including subcode component data, said circuit comprising:

a toggle generating portion which independently generates toggling data, the state of  
said toggling data alternating between a high state and a low state at a predetermined period;  
and

a selecting portion which selects one of the subcode component data and the toggling  
data of said toggle generating portion.

6. (new) The subcode-data generating circuit of claim 5, wherein durations of said  
high and low states, respectively, of said toggling data correspond to said predetermined

Masaaki TSUJI, S.N. 09/394,661  
Page 4

Dkt. No. 2271/60220

period.

7. (new) The subcode-data generating circuit of claim 5, wherein the data selected by said selecting portion is used to generate encode subcode P data.

8. (new) The subcode-data generating circuit of claim 3, wherein each first command triggers automatic generation of two or more subcode component data.

9. (new) The subcode-data generating circuit of claim 3, wherein said first and second generating portions operate independently, and the first generating portion continues to generate automatically the subcode component data which indicates the time information even when the second generating portion is not automatically generating the additional subcode component data which indicates the information other than the time information.